

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

High Power Modulator
(Title of the Invention)

the specification of which

☒ is attached hereto
OR
☐ was filed on as United States Application Serial Number or PCT International (MM/DD/YYYY)

Application Number and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet attached hereto.

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Serial Number(s)	Filing Date (MM/DD/YYYY)

☐ Additional provisional application serial numbers are listed on a supplemental priority data sheet attached hereto.

DECLARATION - Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c), of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

**U.S. Parent Application or PCT Parent
Serial Number**

**Parent Filing Date
(MM/DD/YYYY)**

**Parent Patent Number
(if applicable)**

☐ Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet attached hereto.

As a named inventor, I hereby appoint the following registered practitioners to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: ☐ Customer Number

OR

☒ Registered practitioner(s) name/registration number listed below

Place Customer
Number Bar Code
Label Here

Name	Registration Number	Name	Registration Number
Steven M. Bauer	31,481	Thomas C. Meyers	36,989
John V. Bianco	36,748	Joseph B. Milstein	42,897
Isabelle A.S. Blundell	43,321	David G. Miranda	42,898
Maureen A. Bresnahan	P-44,559	Ronda P. Moore	44,244
Michael H. Brodowski	41,640	Edmund R. Pitcher	27,829
Jennifer A. Camacho	43,526	Dianne M. Rees	45,281
Joseph A. Capraro, Jr.	36,471	Kurt Rauschenbach	40,137
John J. Cotter	38,116	Michael A. Rodriguez	41,274
Jennifer L. Dupre	41,722	R. Stephen Rosenholm	P-45,283
John V. Forcier	42,545	Michael J. Schmelzer	43,093
Michael Giannetta	42,574	J. Scott Southworth	39,382
Duncan A. Greenhalgh	38,678	Christopher W. Stamos	35,370
William G. Guerin	41,047	Joseph P. Sullivan	P-45,349
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Danielle L. Herritt	43,670	Thomas A. Turano	35,722
Elizabeth E. Kim	43,334	Michael J. Twomey	38,349
Mi Kim	P-44,830	Christine C. Vito	39,061
Douglas J. Kline	35,574	Patrick R.H. Waller	41,418
John D. Lanza	40,060	Yin P. Zhang	44,372
Timothy P. Linkkila	40,702		
Kurt W. Lockwood	40,704		
Marianne McLaughlin	42,870		

☐ Additional registered practitioners named on supplemental Registered Practitioner Information sheet attached hereto.

Direct all correspondence to:

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Testa, Hurwitz & Thibault, LLP
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Boston, MA 02110
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:		<input type="checkbox"/> A petition has been filed for this unsigned inventor							
Given Name (first and middle [if any])						Family Name or Surname			
Marcel P.J.						Gaudreau			
Inventor's Signature						Date			
Street Address		151 Grove Street				Citizenship		U.S.A.	
		City	Lexington	State	MA	Zip	02173	Country	U.S.A.
Post Office Address									
		City		State		Zip		Country	
<input checked="" type="checkbox"/> Additional inventors are being named on the 2 supplemental Additional Inventor(s) sheet(s) attached hereto.									
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor							
Given Name (first and middle [if any])						Family Name or Surname			
Michael A.						Kempkes			
Inventor's Signature						Date			
Street Address		10 Shannon Circle				Citizenship		U.S.A.	
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Post Office Address									
		City		State		Zip		Country	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor							
Given Name (first and middle [if any])						Family Name or Surname			
Timothy J.						Hawkey			
Inventor's Signature						Date			
Street Address		198 Concord Road				Citizenship		U.S.A.	
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Post Office Address									
		City		State		Zip		Country	

NOTED 296245

STATEMENT CLAIMING SMALL ENTITY STATUS
(37 CFR 1.9(f) & 1.27(c))— SMALL BUSINESS CONCERN

Attorney Docket No. DVS-007 (2516/8)

Applicant, Patentee, or Identifier: **Marcel P.J. Gaudreau et al.**
 Application or Patent No.: **Not Yet Assigned**
 Filed or Issued: **January 10, 2000**
 Title: **High Power Modulator**

I hereby state that I am

- ☐ the owner of the small business concern identified below:
☒ an official of the small business concern empowered to act on behalf of the concern identified below:

NAME OF SMALL BUSINESS CONCERN: Diversified Technologies, Inc.

ADDRESS OF SMALL BUSINESS CONCERN: 35 Wiggins Avenue, Bedford, MA 01730.

I hereby state that the above identified small business concern qualifies as a small business concern as defined in 37 CFR 1.9(d) and 13 CFR Part 121 for purposes of paying reduced fees to the United States Patent and Trademark Office, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time, or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

I hereby state that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention described in:

- ☒ the specification filed herewith with title as listed above.
☐ the application identified above.
☐ the patent identified above.

If the rights held by the above identified small business concern are not exclusive, each individual, concern, or organization having rights in the invention must file separate statements as to their status as small entities, and no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d), or a nonprofit organization under 37 CFR 1.9(e).

Each person, concern, or organization having any rights in the invention is listed below:

- ☐ no such person, concern, or organization exists.
☐ each such person, concern, or organization is listed below.

Separate statements are required from each named person, concern or organization having rights to the invention stating their status as small entities. (37 CFR 1.27).

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b)).

NAME OF PERSON SIGNING

TITLE OF PERSON IF OTHER THAN OWNER

ADDRESS OF PERSON SIGNING

SIGNATURE

DATE